

**Work Order:** Montana DNRC 2018-2019 LiDAR Projects

**Submitted by:** Quantum Spatial

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**Reporting period:** May 4<sup>th</sup>, 2019 – May 10<sup>th</sup>, 2019

**Report Date:** May 10<sup>th</sup>, 2019

**Project Summary:**

Acquisition and processing of QL1 and QL2 LiDAR data and deliverables for the 2018-2019 Montana project areas, as well as 3D Building footprints with calculated Lowest Adjacent Grade elevations. The purpose of the resulting dataset is to provide LiDAR and derived products suitable for floodplain mapping and meeting the latest FEMA requirements.

**Summary of work completed during reporting period:**

- Blaine County and Phillips County data set, products and reporting are complete. Data arrived at Michael Baker and MTDNRC on 5/10.
- Mineral County ground survey was completed on 5/6/2019. QC of control was complete on 5/10/2019.
- An aircraft arrived in Missoula on 5/9 to begin targeting the Clark Fork Project Area.
- A second aircraft arrived in Helena on 5/10 to continue targeting Jefferson County.

**Outstanding issues and concerns:**

Tasks	Percent Complete	Due	Finish
LiDAR Data Acquisition and Ground Survey [50%]	72%	rolling	
LiDAR Data Processing [50%]	25%	rolling	
Weekly Reports	n/a	Ongoing	

**Activities Planned Next Week:**

- Gaston to collect Hill County add-on ground survey.
- Weather and snow conditions permitting, continue acquiring Jefferson County and begin acquisition on Clark Fork Bitterroot project area.
- Continue calibration and data processing of the Hill, Valley, and Mineral County LiDAR datasets.













